



2128

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)	Group Art Unit: 2128
)	
PATRICK J. CRILLY, ET AL.)	Examiner: Mussa A. Shaawat
)	
Application Number: 09/729,533)	
)	
Filed: December 4, 2000)	
)	
Title: METHOD FOR CONTROLLING)	
DISTORTION OF A MATERIAL)	
DURING A WELD PROCESS)	
)	
Attorney Docket No.: 00-430)	

Peoria, Illinois 61629-6490

March 9, 2005

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

The following information and attached material are submitted for the Examiner's consideration relative to one or more of the claims in the above-identified application. A PTO 1449 (SB08) form and a copy, if required, of each item listed thereon are attached.

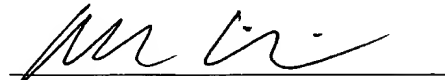
In addition, the Applicant has again included two (2) Non Patent Literature Documents for the Examiner's review and consideration. These documents were submitted at the time of filing the patent application, however, Applicant has not received the PTO1449 form indicating the Examiner's review of said documents.

03/15/2005 GORDOF1 00000005 031129 09729533

01 FC:1806 180.00 DA

The Invention Disclosure Statement is filed pursuant to 37 CFR § 1.97(c).
Two copies of the fee transmittal sheet are enclosed.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "A. Ririe", is written over a horizontal line.

Andrew J. Ririe
Registration No. 45,597
Caterpillar Inc.

Telephone: (309) 636-1974
AJR:vlm
Enc.
/00-430 IDS COVER LETTER.DOC



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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/729,533
	Filing Date	12/4/2000
	First Named Inventor	Patrick J. Crilly ET AL.
	Art Unit	2128
	Examiner Name	Mussa A. Shaawat
Total Number of Pages in This Submission	Attorney Docket Number	00-430

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Documents <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosures(s) (please Identify below):
<div>Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Andrew J. Ririe, Registration No. 45,597
Signature	
Date	March 9, 2005

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope address to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on this date: 03/09/2005	
Typed or printed name	Andrew J. Ririe
Signature	Date 8-Mar-2005

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (05-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL for FY 2003

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180

Complete if Known

Application Number	09/729,533
Filing Date	12/4/2000
First Named Inventor	Patrick J. Crilly ET AL.
Examiner Name	Mussa A. Shaawat
Art Unit	2128
Attorney Docket No.	00-430

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None☒ Deposit Account

Deposit

Account Number 03-1129

Deposit

Account

Name

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☐ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
		1001	790	2001	385	Utility filing fee	
		1002	350	2002	170	Design filing fee	
		1003	530	2003	265	Plant filing fee	
		1004	790	2004	385	Reissue filing fee	
		1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$) 0

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
	-20** =		
Independent Claims	-3** =		
Multiple Dependent			

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
		1202	18	2002	9	Claims in excess of 20
		1201	88	2001	43	Independent claims in excess of 3
		1203	290	2203	145	Multiple dependent claim, if not paid
		1204	88	2204	43	**Reissue independent claims over original patent
		1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 0

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
		1051	130	2051	65	Surcharge - late filing fee or oath	
		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
		1053	130	1053	130	Non-English specification	
		1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
		1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
		1251	110	2251	55	Extension for reply within first month	
		1252	430	2252	210	Extension for reply within second month	
		1253	980	2253	475	Extension for reply within third month	
		1254	1,530	2254	740	Extension for reply within fourth month	
		1255	2,080	2255	1,005	Extension for reply within fifth month	
		1401	340	2401	165	Notice of Appeal	
		1402	340	2402	165	Filing a brief in support of an appeal	
		1403	300	2403	145	Request for oral hearing	
		1451	1,510	1451	1,510	Petition to institute a public use proceeding	
		1452	110	2452	55	Petition to revive - unavoidable	
		1453	1,370	2453	665	Petition to revive - unintentional	
		1501	1,370	2501	665	Utility issue fee (or reissue)	
		1502	490	2502	240	Design issue fee	
		1503	660	2503	320	Plant issue fee	
		1460	130	1460	130	Petitions to the Commissioner	
		1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
		1806	180	1806	180	Submission of Information Disclosure Stmt	180
		8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
		1809	790	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
		1810	790	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
		1801	790	2801	385	Request for Continued Examination (RCE)	
		1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 180

SUBMITTED BY

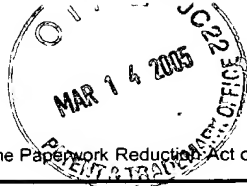
(Complete (if applicable))

Name (Print/Type)	Andrew J. Ririe	Registration No. (Attorney/Agent)	45,597	Telephone	(309) 636-1974
Signature		Date	03/09/2005		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	09/729,533
Filing Date	12/4/2000
First Named Inventor	Patrick J. Crilly ET AL.
Art Unit	2128
Examiner Name	Mussa A. Shaawat
Attorney Docket Number	00-430

Sheet 1 of 2

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 20040122550	6-24-2004	Ladji et al.	
		US- 5,304,774	4-19-1994	Durkeim	
		US- 5,521,354	5-28-1996	Ludewig et al.	
		US- 5,750,957	5-12-1998	Kilty et al.	
		US- 6,024,273	2-15-2000	Ludewig et al.	
		US- 6,184,491	2-6-2001	Crane et al.	
		US- 6,324,491	11-27-2001	Zhang et al.	
		US- 6,362,456	3-26-2002	Ludewig et al.	
		US- 6,398,102	6-4-2002	Cao et al.	
		US- 6,627,841	9-30-2003	Chen et al.	
		US- 6,768,974	7-6-2004	Bogoey et al.	
		US- 6,789,051	9-7-2004	Chen et al.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Complete if Known		
			Application Number	09/729,533	
			Filing Date	12/4/2000	
			First Named Inventor	Patrick J. Crilly ET AL.	
			Art Unit	2128	
			Examiner Name	Mussa A. Shaawat	
Sheet	2	of	2	Attorney Docket Number	00-430

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		"Welding-Induced ... Structures", Yang Y.P., Proceedings of 2000 ASME PVP Conference, July 23-27, 2000, Seattle, Washington, 6 pages.	
		Finite Element ... Buckling Distortion", Michaleris P., Welding Research (Supplement to the "Welding Journal"), November, 1997, pgs. 451-457.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant to place a check mark here if English language Translation is attached.

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